

What is Claimed is:

1. An implosion prevention tension band for a cathode ray tube having an evacuated envelope including a faceplate panel with a substantially flat viewing faceplate extending to a peripheral rearwardly extending sidewall and forming an inside blend radius from the viewing faceplate to said sidewall, said sidewall having corners with a given radius of curvature, said tension band comprising:

5 a single layer band surrounding said faceplate panel and having a width extending rearwardly from near said viewing faceplate to at least half the distance between a rear edge of said inside blend radius and a rear edge of said sidewall; and,

10 a plurality of tension adjusting feature formed in a rear section of said tension band located aft of said inside blend radius.

15 2. The implosion prevention tension band of Claim 1 wherein said plurality of tension adjusting feature comprises at least one apertures extending through said tension band.

20 3. The implosion prevention tension band of Claim 2 wherein said plurality of tension adjusting feature are position at locations near said corners of said tension band.

25 4. The implosion prevention tension band of Claim 1 wherein said plurality of tension adjusting feature comprises semi-circular apertures extending through said tension band and forward from a rear edge of said tension band toward said inside blend radius.

30 5. The implosion prevention tension band of Claim 1 wherein said plurality of tension adjusting feature comprises a dimple formed in said tension band.

6. The implosion prevention tension band of Claim 1 further comprising mounting lugs fixed at said corners wherein said plurality of tension adjusting feature are

located near said corner of said tension band on opposite sides of said mounting lugs.

7. An implosion prevention tension band for use in a CRT, said CRT having a
5 faceplate panel having a substantially flat viewing faceplate and a peripheral sidewall extending therefrom to a rear edge, said faceplate panel having two long sides, two short sides and four corners, said faceplate panel also having an inside blend radius from said viewing faceplate to said sidewall, said blend radius having a rear edge along said sidewall, said tension band comprising:

10 a single strip of metal encircling said sidewall and having a predetermined width extending rearwardly from near said viewing faceplate to at least half the distance between said rear edge of said inside blend radius and said rear edge of said sidewall.